P.W.G. 17 | 1st and final Bill | Original/Duplicate/Triplicate

NO | CONTRACT CERTIFICATE | Reference paras 158 & 170

AEE, YSTSD

DMS No | SBR No: 19/18-19

Bills received No | Yelahanka | Sub division | Yelahanka New Town | Date: Date 10/10/2018

YNK-DBR No. 71 Date 27.10.18

Sheduled Docket No | Sub-divisional | Cash book vr No

Divisional | Date

Head of account

Name of work(as per sanctioned estimate) :- NAME OF WORK :Improvements and asphalting to balance roads at Thirumala nagara and Muneshwara layout in ward no 03

Work Code:003-17-000069

Name of contractor and full address :- H S Palakshamurthy

Reference to agreement No :- 134 | Estimated cost : 50.00 | Work order No :134, dt:24/03/2018

Certified that the measurments were taken by me on 21/8, 23/8 and recorded on pages 216641 to 216649 of measurment book No 2167 and the work is satisfactorily executed by the contractor.

Signature of contractor

Asstt Engineer

Certified that the measurments were taken by me on 23/8/2018 and recorded correct.The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub Divisional Officer

II MEMORANDUM OF PAYMENT

	ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-108	
1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%---------		
3) Balance---	1st & Final	4983935:00
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of	FSD	—
	CGST	49840
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	SGST	49840
	IT	49840
Total	LC	49840
	CBF	4984
	Royalty	78555
	Fine	—
5). Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book	Total ded	282899:00
7) Net amount due to or from contractor.	Net	4701036
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Reciept Stamp

Audited & Admitted for Rs. 4983935:00

4701035=00 ....by Cheque

and Rs. 282899:00 ....by adjustment

Asstt. Engineer, Yelahanka Division, BBMP

Executive Engineer, Yelahanka Division, BBMP

Dated signature of contractor

paid by me cheque No dated

Cash Rs.....

Date Initials of officer making payment Date

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	Removing B.S slab of drain and stacking (P.No 25 I.No 5.32)	Sqm			637.07	65.72	41868.00	637.07	41868.00
2	Refixing stone slabs of drains and pointing in CM(1:3)(P.No 25 I.No 5.33)	Sqm			637.07	80.56	51322.00	637.07	51322.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick	Sqm			397.04	665.68	264302.00	397.04	264302.00
4	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum			157.77	86.92	13713.00	157.77	13713.00
5	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in super structure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sqm			216.00	993.22	214536.00	216.00	214536.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
6	KSRB 5-15: Providing and constructing Non load bearing wall with cement concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.28)	Sqm			216.00	754.00	162864.00	216.00	162864.00
7	KSRRB 4.1:6Providing and laying in position plain cement concrete mix 1:2:4 with cement @240kgs,with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted,in foundation,plinth and cills,including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification no4.1,4.2 (Page.12 & Item No. 4.6)	Cum			29.70	5767.46	171294.00	29.70	171294.00
8	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm			486.00	2100.00	1020600.00	486.00	1020600.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	KSRRB M300-14. Excavation for roadwork in all type of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specification Morth Specification No. 301	Cum			496.28	48.76	24199.00	496.28	24199.00
10	KSRRB M300-53 : Construction of embankment with approved material Gravel/Murrum with all lifts and leads, trasnporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305. (Page No. 144 & Item No. 19.60)	Cum			453.90	320.12	145302.00	453.90	145302.00
11	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired desity complete as per specifications. A plant Mix Method Close graded granular sub base material as per 400-I for grading II Material	Cum			340.43	1665.26	566904.00	340.43	566904.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
12	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base cpurse on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification MORTH Specification No406	Cum			471.90	1750.00	825825.00	471.90	825825.00
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM,WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502	Sqm			2389.50	27.00	64517.00	2389.50	64517.00
14	KSRRB 500-7. Providing and applying tack coat using 80/100 grade Bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm , heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm			2389.50	11.00	26285.00	2389.50	26285.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
15	KSRRB M500- 17. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II(50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and filler, transporting the hot mix to work site , laying to the required grade,level and alignment, rolling with wheeled , vibratory and tandeem rollers to achieve the desired compaction as per MORTH Table-500-10 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.507	Cum			119.48	6435.26	768885.00	119.48	768885.00
16	KSRRB M500- 19. Providing, laying bituminousConcrete using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II(30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and filler , transporting the hot mix to work site , laying to the required grade,level and alignment, rolling with wheeled , vibratory and tandeem rollers to achieve the desired compaction as per MORTH Table-500.9 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.509	Cum			71.69	7270.54	521225.00	71.69	521225.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
17	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 7kms.	Cum			654.05	90.40	59126.00	654.05	59126.00
18	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm			80.60	542.72	43743.00	80.60	43743.00
				TOTAL			**4986510.00**		**4986510.00**

Ward No 03
Assistant Engineer

Assistant Excecutive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore-64